FORM PTO-1390 U.S DEPARTMENT OF COM (REV. 9-2001)	ATTORNEY'S DOCKET NUMBER						
TRANSMITTAL LETTER	103140-0007Ц						
	ED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5					
	NG UNDER 35 U.S.C. 371	10/01 8416					
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED	(
PCT/US00/16099	13 June 2000	15 June 1999					
TITLE OF INVENTION	•						
DATA ENCODING AND DECODIN	NG						
APPLICANT(S) FOR DO/EO/US SMITH, Joshua R.							
Applicant herewith submits to the United Str		the following items and other information:					
1. This is a FIRST submission of items	•						
2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.							
items (5), (6), (9) and (21) indicated							
1	ration of 19 months from the priority date (A	article 31).	·				
	d only if not communicated by the Internation	nal Bureau).					
b. has been communicated by							
c. is not required, as the appli	7						
6. An English language translation of the	he International Application as filed (35 U.S	.C. 371(e)(2)).					
a. is attached hereto.							
	itted under 35 U.S.C. 154(d)(4).	(26 U.S.C. 271(c)(3))					
0.0	ternational Aplication under PCT Article 19 ed only if not communicated by the Internati						
	by the International Bureau.	onat Buleau).					
1	ever, the time limit for making such amendm	ents has NOT expired.					
		ons has not expired.					
	he amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371 (c)(3)).					
1 =							
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT							
Article 36 (35 U.S.C. 371(c)(5)).	ne annexes of the international Frediminary i	examination Report under PC1					
'Items 11 to 20 below concern documen	at(s) or information included:						
11. X An Information Disclosure Stateme	ent under 37 CFR 1.97 and 1.98.						
12. An assignment document for recor	rding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.					
13. A FIRST preliminary amendment.	-						
14. A SECOND or SUBSEQUENT p	reliminary amendment.						
15. A substitute specification.							
16. A change of power of attorney and/or address letter.							
17. A computer-readable form of the s	sequence listing in accordance with PCT Rule	e 13ter.2 and 35 U.S.C. 1.821 - 1.825.					
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20. Other items or information: _ International Search Report _ Form PCT/IPEA/402 -For							
- PCT: International Prei: - PCT Written Opinion	iminary Examination Report	- Form PCT/IB/304 - Form PCT/ISA/220	/404				
- Response to Written Op:	- Form PCT/IPEA/416 inion - Form PCT/IB/332	- Form PCT/ISA/220					
- PCT Fee Calculation Sho		- EP 0845 758A					

U.S. AMPLICATION NO. (IT.)	8416		TERNATIONAL APPLICATION NO. PCT/US00/16099			ATTORNEYS DOCKET NUMBER 103140-0007()		
21. The following fees are submitted:				CAI	CULATIONS	PTO USE ONLY		
BASIC NATIONAL FEE (37 CFR L492 (a) (1) - (5)):					-			
Neither international preliminary examination fee (37 CFR 1.482)								
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO								
and International Search Report not prepared by the EPO or JPO \$1040.00				1				
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890.00								
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO								
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)								
International preliminary examination fee (37 CFR 1.482) paid to USPTO								
and all claims satisfied provisions of PCT Article 33(1)-(4)			0,	0.00				
ENTE	R APPROPRIA	ATE I	BASIC FEE AMOU	JNT =	\$ 03	0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$			
CLAIMS	NUMBER FILE		NUMBER EXTRA	RATE	\$			
Total claims	45 - 20	-	25	x \$18.00	\$ 40	0.00		
Independent claims	12 -3	-	9	x \$84.00	\$ 75	6.00		
MULTIPLE DEPENI	DENT CLAIM(S)	(if app	licable)	+ \$280.00	\$			
	TOTA	AL O	F ABOVE CALCU	LATIONS =	\$209	06.00		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			s					
			SU	BTOTAL =	\$ 20	96.00		
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$				
TOTAL NATIONAL FEE =				\$209	06.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$				
TOTAL FEES ENCLOSED =			\$209	6.00				
						int to be efunded:	\$	
				, , , , , , , , , , , , , , , , , , , ,		charged:	\$	
a. A check in the amount of \$ 2096.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.								
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-1237. A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card								
information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPONDENCE TO:								
				jury	MI	Maria	Man.	
Patricia A. Sheehan / SKNATURE								
Cesari and McKenna, LLP 88 Black Falcon Ave. Patricia A. Sheehan						han		
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	(617) 951-2500 32,301							
(021) 331-1	-500			REGISTRA	TIÓN N	UMBER	· ·	
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